	Application No.	Applicant(s)
Notice of Allowability	09/510,167	HILPL ET AL.
	Examiner	Art Unit	
	Thierry L. Pham	2624	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *3/21/05*.

2. ☒ The allowed claim(s) is/are *1-51*.

3. ☒ The drawings filed on *22 February 2000* are accepted by the Examiner.

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
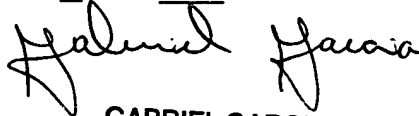
    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____ .

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

GABRIEL GARCIA
PRIMARY EXAMINER

DETAILED ACTION

● This action is responsive to the following communication: an Amendment filed on 3/21/05.

Response to Arguments

Applicant's arguments, see pages 10-12, filed 3/21/05, with respect to claims 1, 18, and 35 have been fully considered and are persuasive. The rejection of claims 1, 18, and 35 has been withdrawn.

Allowable Subject Matter

Claims 1-51 are allowed.

The following is an examiner's statement of reasons for allowance: Hower et al (US 5467434) teaches a method and/or system for programming a conflict between various print job attributes/parameters via using a user interface provided at a workstation based upon printer's profile. Barrett et al (US 5260805) teaches a printer/copier that is capable of alerting a user of conflict between print/copy options selected by the user and print/copy features supported by the printer/copier. Upon identifying a conflict between selected attributes for print jobs, the system of Barrett allows the user to change to a different attributes/parameters in order to remove existed conflicts. However, the combinations of Hower and Barrett fail to teach and/or suggest initiating a save conflict mode from the printer when a user observes an undesirable result from the printer in *a printed output* in response to a user specified print job attributes, and whereby that combination of attributes is no longer allowed. In other words, the cited prior arts of record (US 5467434 and US 5260805) teach a method for programming a conflict with respect to printer's profile (i.e. capability) *before* the printed result is observed rather than based upon a printed results observed by the users and to generate a list of conflicted attributes/parameters from an undesirable printed results, whereby that combination of attributes is no longer allowed as claimed by the applicants.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
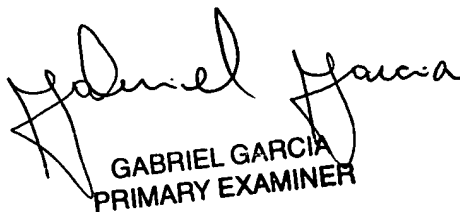
Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thierry L. Pham whose telephone number is (571) 272-7439. The examiner can normally be reached on M-F (9:30 AM - 6:00 PM).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David K. Moore can be reached on (571)272-7437. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thierry L. Pham

GABRIEL GARCIA
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be

unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure

consideration of such an amendment, it MUST be submitted no later than the payment of the

issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John

Hemingway on 6/21/05.

Please amend the following Claims:

35.   (Currently Amended) A computer readable media <u>storing program instructions that</u> ~~to~~

control a processor of a printer, the <u>program instructions</u>~~media~~ comprising a plurality of modules

to control the processor, wherein the modules include:

        a module that allows a user to initiate a save conflict mode from the printer when

the user observes an undesirable result from the printer <u>in a printed output</u> in response to user

specified print job attributes; and

        one of a module to store user specified print job attributes in a conflict list while

in the save conflict mode and a module to store user specified conflict attributes based on user

specified print job attributes while in the save conflict mode, the user specified conflict attributes

including at least one of a policy, a capability and a constraint~~,~~,

        <u>whereby that combination of attributes is no longer allowed.</u>

36.   (Currently Amended) The program instructionsmedia of claim 35, wherein the

module to store print job attributes includes logic to save at least one of an

enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a sort parameter, a

binding parameter, and a fed medium select parameter.

37.   (Currently Amended) The mediaprogram instructions of claim 35, wherein the

module to initiate a save conflict mode includes:

        logic to receive from a user at least one print job attribute that causes a conflict;

and

        logic to recognize a user initiated save conflict mode command.

38.   (Currently Amended) The mediaprogram instructions of claim 37, wherein the

module to initiate a save conflict mode further includes logic to verify that the user is an

authorized user.

39.   (Currently Amended) The mediaprogram instructions of claim 35, further

comprising:

        a module to receive from a user at least one job attribute that causes a conflict;

and

        a module to check the at least one received job attribute against the stored print

job attributes, the modules to initiate and store being operated before the module to receive.

40.   (Currently Amended) The mediaprogram instructions of claim 39, further

comprising:

        a module to determine whether a conflict condition exists; and

a module to display a conflict message when the conflict condition is determined
to exist.

41.   (Currently Amended) The ~~media~~program instructions of claim 40, further
comprising:

a module to initiate a delete conflict mode; and

a module to delete the stored print job attributes from the conflict list.

42.   (Currently Amended) The ~~media~~program instructions of claim 41, wherein the
module to initiate a delete conflict mode includes logic to recognize a user initiated delete
conflict mode command.

43.   (Currently Amended) The ~~media~~program instructions of claim 42, wherein the
module to initiate a delete conflict mode further includes logic to verify that the user is an
authorized user.

44.   (Currently Amended) The ~~media~~program instructions of claim 35, wherein the
module to store conflict attributes includes logic to formulate the conflict attributes based on at
least one of an enlargement/reduction parameter, an orientation, a simplex/duplex parameter, a
sort parameter, a binding parameter, and a fed medium select parameter.

45.   (Currently Amended) The ~~media~~program instructions of claim 44, wherein the
module to store conflict attributes includes logic to reinitialize a scheduler after storing the
conflict attributes.

46.   (Currently Amended) The ~~media~~program instructions of claim 35, further
comprising:

a module to receive from a user at least one job attribute that causes a conflict;

and

a module to check for an itinerary to process a sheet according to the at least one

received job attribute.

47.   (Currently Amended) The ~~media~~program instructions of claim 46, further

comprising:

a module to determine whether an itinerary is unavailable due to a conflict

condition; and

a module to display a conflict message when the itinerary is unavailable due to a

conflict condition.

48.   (Currently Amended) The ~~media~~program instructions of claim 47, further

comprising:

a module to initiate a delete conflict mode; and

a module to delete the stored conflict attributes.

49.   (Currently Amended) The ~~media~~program instructions of claim 48, wherein the

module to initiate a delete conflict mode includes logic to recognize a user initiated delete

conflict mode command.

50.   (Currently Amended) The ~~media~~program instructions of claim 49, wherein the

module to initiate a delete conflict mode further includes logic to verify that the user is an

authorized user.

51.   (Currently Amended) The ~~media~~program instructions of claim 48, wherein the
module to delete the stored conflict attributes includes logic to reinitialize a scheduler after
deleting the stored conflict attributes.